



PATENT  
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Colleen Lombard  
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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant:	James M. Robl et al.	Confirmation No.:	4828
Serial No.:	10/705,519	Art Unit:	1632
Filed:	November 10, 2003	Examiner:	Deborah Crouch
Customer No.:	21559		

Title: TRANSGENIC UNGULATES HAVING REDUCED PRION PROTEIN ACTIVITY AND USES THEREOF

Mail Stop Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT

Applicants submit the references listed on the enclosed Form PTO-1449, copies of which are enclosed, with the exception of U.S. patents and U.S. patent application publications. Copies of the International and European search reports from the corresponding International and European applications are also enclosed.

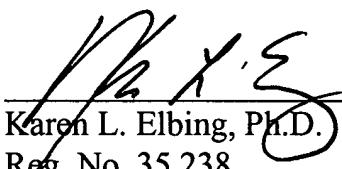
Submission of this statement is not a representation that a search has been made, nor is the inclusion of information in this statement an admission that the information is material to patentability.

This statement is being filed after a first Office action on the merits, but before the mailing of a final Office action or a Notice of Allowance. A check for \$180.00 in payment of the late submission fee set forth in 37 C.F.R. § 1.17(p) is enclosed.

If there are any other charges or any credits, please apply them to Deposit Account No. 03-2095.

Respectfully submitted,

Date: 12 September 2006

  
Karen L. Elbing, Ph.D.  
Reg. No. 35,238

Clark & Elbing LLP  
101 Federal Street  
Boston, MA 02110  
Telephone: 617-428-0200  
Facsimile: 617-428-7045

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SUBSTITUTE FORM PTO-1449 (MODIFIED)		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		Attorney Docket No.	50195/023003		
		INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use several sheets if necessary)		Serial No.	10/705,519		
		(37 C.F.R. § 1.98(b))		Applicants	Robl et al.		
				Filing Date	November 10, 2003		
				Group	1632		
				IDS Filed	September 12, 2006		
				Customer No.	21559		
U.S. PATENTS							
Examiner's Initials	Patent No. or Patent Publication No.	Issue Date or Publication Date	Patentee or Applicant		Class	Subclass	Filing Date (If Appropriate)
	4,797,356	01/10/89	Brandt et al.		435	7	12/02/85
	4,847,081	07/11/89	Rice		424	186.1	03/30/87
	4,873,316	10/10/89	Meade et al.		530	412	06/23/87
	4,959,317	09/25/90	Sauer		435	172.3	04/29/87
	4,994,384	02/19/91	Prather et al.		435	172.3	1027/87
	5,021,244	06/04/91	Spaulding		424	561	05/12/89
	5,057,420	10/15/91	Massey		435	172.2	10/16/90
	5,096,822	03/17/92	Rosenkrans, Jr. et al.		435	388	07/26/90
	5,160,312	11/03/92	Voelkel		600	34	02/06/91
	5,175,384	12/29/92	Krimpenfort et al.		800	2	12/05/88
	5,213,979	05/25/93	First et al.		435	240.2	12/30/87
	5,320,952	06/14/94	Deutch et al.		435	69.1	06/02/93
	5,346,990	09/13/94	Spaulding		530	350	03/12/91
	5,374,544	12/20/94	Schwartz et al.		435	69.1	01/15/92
	5,434,066	07/18/95	Bebee et al.		435	172.3	03/15/94
	5,434,340	07/18/95	Krimpenfort et al.		800	2	07/27/92
	5,453,366	09/26/95	Sims et al.		435	172.3	03/15/93
	5,464,764	11/07/95	Capecchi et al.		435	6	02/04/93
	5,470,560	11/28/95	Martin, Jr.		424	9.2	02/04/94
	5,482,856	01/09/96	Fell, Jr. et al.		435	320.1	04/12/93
	5,487,992	01/30/96	Capecchi et al.		435	172.3	06/28/93
	5,496,720	03/05/96	Susko-Parish et al.		435	240.2	02/10/93
EXAMINER			DATE CONSIDERED				
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(MODIFIED)U.S. DEPARTMENT OF COMMERCE  
PATENT AND TRADEMARK OFFICE

Attorney Docket No. 50195/023003

Serial No. 10/705,519

Applicants Robl et al.

Filing Date November 10, 2003

Group 1632

IDS Filed September 12, 2006

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INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT  
(Use several sheets if necessary)

(37 C.F.R. § 1.98(b))

## U.S. PATENTS

Examiner's Initials	Patent No. or Patent Publication No.	Issue Date or Publication Date	Patentee or Applicant	Class	Subclass	Filing Date (If Appropriate)
	5,527,674	06/18/96	Guerra et al.	435	6	05/02/94
	5,545,806	08/13/96	Lonberg et al.	800	2	12/16/92
	5,545,807	08/13/96	Surani et al.	800	2	08/05/94
	5,565,350	10/15/96	Kmiec	435	172.3	12/09/94
	5,565,362	10/15/96	Rosen	435	320.1	01/24/94
	5,569,825	10/29/96	Lonberg et al.	800	2	12/17/91
	5,583,016	12/10/96	Villeponteau et al.	435	91.3	10/27/94
	5,591,669	01/07/97	Krimpenfort et al.	800	2	05/30/95
	5,612,205	03/18/97	Kay et al.	435	172.3	08/28/91
	5,614,396	03/25/97	Bradley et al.	435	172.3	02/22/94
	5,618,686	04/08/97	Kojima et al.	435	26	03/04/94
	5,625,126	04/29/97	Lonberg et al.	800	2	12/07/94
	5,627,059	05/06/97	Capechi et al.	800	21	06/05/95
	5,631,153	05/20/97	Capechi et al.	435	172.3	06/05/95
	5,633,076	05/27/97	DeBoer et al.	435	172.3	11/16/93
	5,633,425	05/27/97	Lonberg et al.	800	2	02/05/92
	5,639,457	06/17/97	Brem et al.	424	184.1	11/15/94
	5,652,373	7/29/97	Reisner	800	11	5/17/93
	5,654,182	08/05/97	Wahl et al.	435	172.1	06/07/95
	5,660,997	08/26/97	Spaulding	435	7.21	06/07/94
	5,661,016	08/26/97	Lonberg et al.	435	172.3	04/26/93
	5,677,177	10/14/97	Wahl et al.	435	325	06/07/95

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	5,679,523	10/21/97	Li et al.	435	6	01/16/96
	5,695,977	12/09/97	Jurka	435	172.3	05/07/96
	5,698,763	12/16/97	Weissmann et al.	800	2	06/21/94
	5,721,367	02/24/98	Kay et al.	800	2	06/05/95
	5,733,730	03/31/98	De Lange	435	6	08/25/95
	5,741,957	04/21/98	Deboer et al.	800	2	06/05/95
	5,750,172	05/12/98	Meade et al.	426	580	06/05/95
	5,756,325	05/26/98	Kmiec	435	172.3	09/09/96
	5,763,240	06/09/98	Zarling et al.	435	172.3	07/14/94
	5,770,422	06/23/98	Collins	435	194	06/23/98
	5,770,429	06/23/98	Lonberg et al.	435	240.2	10/10/95
	5,776,744	07/07/98	Glazer et al.	435	172.3	06/07/95
	5,780,009	07/14/98	Karatzas et al.	424	9.1	01/20/95
	5,780,296	07/14/98	Holloman et al.	435	320.1	01/17/95
	5,789,215	08/04/98	Berns et al.	435	172.3	08/07/97
	5,789,650	08/04/98	Lonberg et al.	800	2	03/18/92
	5,789,655	08/04/98	Prusiner et al.	800	2	06/06/96
	5,801,030	09/01/98	McVey et al.	435	172.3	09/01/95
	5,814,318	09/29/98	Lonberg et al.	424	184.1	07/22/93
	5,821,117	10/13/98	Sandrin et al.	435	320.1	03/15/94
	5,827,690	10/27/98	Meade et al.	435	69.6	12/20/93

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	5,830,698	11/03/98	Reff et al.		435	69.1	03/14/97
	5,837,857	11/17/98	Villepontneau et al.		536	24.31	06/5/96
	5,843,643	12/01/98	Ratner		435	6	02/22/94
	5,843,754	12/01/98	Susko-Parrish et al.		435	240	06/06/95
	5,849,991	12/15/98	d'Apice et al.		800	2	01/26/95
	5,849,992	12/15/98	Meade et al.		800	2	03/27/95
	5,874,299	02/23/99	Lonberg et al.		435	320.1	02/14/97
	5,876,979	03/02/99	Andrews et al.		435	91.3	06/07/95
	5,877,397	03/02/99	Lonberg et al.		800	2	09/19/94
	5,891,698	04/06/99	Prieto et al.		435	67.1	05/02/95
	5,945,577	08/31/99	Stice et al.		800	24	01/10/97
	5,952,222	09/14/99	Rosenkrans, Jr. et al.		435	325	08/02/96
	6,011,197	01/04/00	Strelchenko et al.		800	24	01/28/99
	6,023,010	02/08/00	Krimpenfort et al.		800	2	12/05/96
	6,030,833	02/29/00	Seebach et al.		435	325	08/02/96
	6,054,632	04/25/00	Reid		800	6	11/15/96
	6,066,719	05/23/00	Zapata		530	387.3	03/06/97
	6,074,853	06/13/00	Pati et al.		435	91.1	08/14/98
	6,077,710	06/20/00	Susko-Parrish et al.		435	375	10/21/98
	6,091,001	07/18/00	Jakobovits et al.		800	18	03/29/95
	6,147,276	11/14/00	Campbell et al.		800	24	02/19/97
	6,153,428	11/28/00	Gustafsson et al.		435	325	3/26/96
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	6,166,288	12/26/00	Diamond et al.	800	17	07/03/96
	6,183,993	02/06/01	Boyce et al.	435	69.7	06/10/99
	6,194,202	02/27/01	Susko-Parrish et al.	435	325	03/04/96
	6,204,061	03/20/01	Capecchi et al.	435	463	01/09/97
	6,204,431	03/20/01	Prieto et al.	800	14	09/05/97
	6,252,133	06/26/01	Campbell et al.	800	24	02/19/97
	6,258,998	07/10/01	Damiani et al.	800	24	11/24/98
	6,271,436	08/07/01	Piedrahita et al.	800	21	10/10/97
	6,300,129	10/09/01	Lonberg et al.	435	326	12/02/96
	6,395,958	05/28/02	Strelchenko et al.	800	7	07/15/99
	2002/0001842	01/03/02	Chapman	435	449	12/15/00
	2002/0012660	01/31/02	Colman et al.	424	93.21	12/30/99
	2002/0108132	08/08/02	Rapp	800	6	06/08/01

## FOREIGN PATENT OR PUBLISHED FOREIGN PATENT APPLICATION

Examiner's Initials	Document Number	Publication Date	Country or Patent Office	Class	Subclass	Translation (Yes/No)
	EP 0546073	09/10/97	EPO			
	EP 0773288	05/14/97	EPO			No
	EP 0843961	05/27/98	EPO			
	EP 1106061	06/13/01	EPO			No
	WO 92/03918	03/19/92	WIPO			No
.	WO 93/10227	05/27/93	WIPO			No
	WO 94/02602	02/03/94	WIPO			No

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	WO 95/33828	12/14/95	WIPO			No
	WO 96/33735	10/31/96	WIPO			No
	WO 97/07668	03/06/97	WIPO			No
	WO 97/07669	03/06/97	WIPO			No
	WO 97/07671	03/06/97	WIPO			Yes (provided as EP 0773288)
	WO 97/13852	04/17/97	WIPO			No
	WO 98/14593	04/09/98	WIPO			No
	WO 98/24884	06/11/98	WIPO			No
	WO 98/24893	06/11/98	WIPO			No
	WO 98/30683	07/16/98	WIPO			No
	WO 98/37183	08/27/98	WIPO			No
	WO 98/39416	09/11/98	WIPO			No
	WO 99/21415	05/06/99	WIPO			No
	WO 00/42174	07/20/00	WIPO			No
	WO 00/10383	03/02/00	WIPO			Yes (provided as EP 1106061)
	WO 00/46251	08/10/00	WIPO			No
	WO 00/51424	09/08/00	WIPO			No
	WO 00/67568	11/16/00	WIPO			No
	WO 00/67569	11/16/00	WIPO			No
	WO 00/74477	12/14/00	WIPO			No
	WO 01/23541	04/05/01	WIPO			No
	WO 01/30992	05/03/01	WIPO			No

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	WO 01/35735	05/25/01	WIPO			No
	WO 01/73107	10/04/01	WIPO			No

## OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PLACE OF PUBLICATION)

	Ahearn et al., "Disruption of the Cr2 Locus Results in a Reduction in B-1a Cells and in an Impaired B Cell Response to T-Dependent Antigen," <i>Immunity</i> 4:251-262 (1996).
	Burke et al., "A Cell Free System to Study Reassembly of the Nuclear Envelope at the End of Mitosis," <i>Cell</i> 44:639-652 (1986).
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	Erlandsson et al., "Mice with an Inactivated joining chain Locus Have Perturbed IgM Secretion," <i>Eur. J. Immunol.</i> 28:2355-2365 (1998).
	Goldman et al., "Enhanced Human Cell Engraftment in Mice Deficient in RAG2 and the Common Cytokine Receptor Gamma Chain," <i>Br. J. Haematol.</i> 103:335-342 (1998).
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<b>OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PLACE OF PUBLICATION)</b>					
	Ishida et al., "Production of a Diverse Repertoire of Human Antibodies In Genetically Engineered Mice," <i>Microbiol. Immunol.</i> 42:143-150 (1998).				
	Jonak et al., "Manipulation of Human B Cells to Confer Immortality," <i>Hum. Antibodies Hybridomas</i> 3:177-185 (1992).				
	Joziasse et al., "Bovine Alpha 1→3-Galactosyltransferase: Isolation and Characterization of a cDNA Clone. Identification of Homologous Sequences in Human Genomic DNA," <i>J. Biol. Chem.</i> 264:14290-14297 (1989).				
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	Lansford et al., "Ig Heavy Chain Class Switching in Rag-Deficient Mice," <i>Int. Immunol.</i> 10:325-332 (1998).				
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				Serial No.	10/705,519
				Applicants	Robl et al.
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